Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 31 Jan 2023 until 23:59 on Wednesday 01 Feb 2023

Forecast Issued on Monday 30 Jan 2023 at 16:18

Confidence: High for a cold, bright day on Tuesday with a few wintry showers and for a change to milder, cloudier conditions from Wednesday.

Headline for Tuesday 31 Jan 2023: Sunny spells and a few wintry showers. Very cold with westerly summit gales.

Mountain weather hazards on Tuesday 31 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Light rain	Sunny intervals	Sunny intervals	Sunny intervals	Sleet showers (night)	Partly cloudy (night)
Precipitation probability							
20%	30%	80%	10%	20%	20%	30%	20%

Forecast for Tuesday 31 Jan 2023

Weather: Some clear spells at first but cloud increasing from the northwest through the early hours with a band of mainly light rain crossing the area towards the end of the night. The rain clears southeastwards around dawn to leave a bright day with sunny spells, the best of these in the east, and, especially across western hills, a few wintry showers. The showers will tend to die out through the evening.

Chance of cloud-free hill tops above 600m: Close to zero at dawn but soon increasing to 75% in west and nearer 90% in east.

Low cloud and visibility: Periods or persistent cloud above 450m-600m soon becoming more occasional, with little cloud below the summits expected across eastern hills by midday. Away from cloud visibility very good falling to several kilometres in overnight rain and wintry showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Tuesday 31 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 SW	27/37 SW	26/36 W	28/38 W	30/42 W	30/43 W	29/41 W	29/42 W	29/43 W
300	14/22 SW	20/30 SW	20/30 W	20/31 W	22/35 W	23/37 W	21/34 W	22/35 W	23/37 W
Valley	7/20 SW	11/26 SW	13/29 W	13/29 W	17/34 W	18/35 W	14/31 W	16/33 W	17/35 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	2/-4	4/-3	3/-4	2/-5	2/-6	1/-6	1/-6	1/-6
300	4/-1	4/-1	6/1	5/0	5/-0	5/-1	4/-2	4/-2	4/-2
Valley	4/1	5/1	6/2	6/2	6/2	5/1	4/-0	4/-0	4/-0
Freezing Level*	1000m	1200m	1300m	900m	700m	700m	700m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph expected over higher peaks, especially through the evening. Increasing chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 30 Jan 2023	5mm	7.8mm	8.2mm

Forecast for Wednesday 01 Feb 2023

Weather: Mainly dry with clear spells but cloud increasing through the early hours with some patchy light rain and drizzle, especially across western hills, through the day. Best of any brighter spells in the east.

Maximum wind: Westerly 25-35mph, gusts around 55mph over ridges and summits, easing 20-25mph, gusts around 40mph, by early afternoon

Chance of cloud-free hill tops above 600m: Little chance over western hills but nearer 25% over eastern hills.

Low cloud and visibility: Periods or persistent cloud above 450-600m, with patches below in west, but cloud more occasional and lifting above the summits at times in east. Away from cloud visibility good falling to several kilometres in rain.

Temperature: **Valleys:** Around plus 3 or 4 Celsius at dawn rising to plus 8 or 9 Celsius by day
At 600m: Around plus 1 Celsius rising to plus 4 Celsius
Freezing level: Just above the summits and rising

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